ELSEVIER

15 February 2001

Optics Communications 188 (2001) 389–394

OPTICS COMMUNICATIONS

www.elsevier.com/locate/optcom

Author index to volume 188

Aközbek, N., see Chin, S.L. 188 (2001) 181
Albert, A., see Louradour, F. 188 (2001) 333
Andersson, E. and S. Stenholm, Quantum logic gate with microtraps 188 (2001) 141
Apolinar-Iribe, A., N. Korneev and J.J. Sánchez-Mondragón, Dynamic amplification as a reason of noise in $LiNbO_3$:Fe crystal 188 (2001) 377

Bao, J., X. Zhang, K. Chen and W. Zhou, Spectra of dual overwritten fiber Bragg grating 188 (2001) 31
Barbosa, E.A. and N.D. Vieira Jr., Kerr-lens mode locking resonator calculation with two nonlinear elements 188 (2001) 205
Barnes, T.H., see Shirai, T. 188 (2001) 275
Barthelemy, A., see Louradour, F. 188 (2001) 333
Beaurepaire, E., M. Oheim and J. Mertz, Ultra-deep two-photon fluorescence excitation in turbid media 188 (2001) 25
Bhar, G.C., see Chatterjee, U. 188 (2001) 371
Bhattacharya, S., see Hain, M. 188 (2001) 291
Bigelow, N.P., see Raghavan, S. 188 (2001) 149
Bischoff, L., see Martin, J. 188 (2001) 119
Bor, Z., see Fülöp, J.A. 188 (2001) 365
Bowden, C.M., see Chin, S.L. 188 (2001) 181
Budde, F., see Mikhail, P. 188 (2001) 111
Buess, G., see Knittel, J. 188 (2001) 267

Chatterjee, U., P. Kumbhakar, A.K. Chaudhary and G.C. Bhar, Tunable mid-infrared generation in cesium lithium borate crystal 188 (2001) 371
Chaudhary, A.K., see Chatterjee, U. 188 (2001) 371
Chen, K., see Bao, J. 188 (2001) 31
Chen, X.-J., see Chen, Y.-L. 188 (2001) 359
Chen, Y.-L., J.-J. Xu, X.-J. Chen, Y.-F. Kong and G.-Y. Zhang, Domain reversion process in near-stoichiometric $LiNbO_3$ crystals 188 (2001) 359
Cheng, B., see Jin, C. 188 (2001) 255
Chiang, H.-P., Y.-C. Wang, P.T. Leung and W.S. Tse, A theoretical model for the temperature-dependent sensitivity of the optical sensor based on surface plasmon resonance 188 (2001) 283
Chin, S.L., N. Aközbek, A. Proulx, S. Petit and C.M. Bowden, Transverse ring formation of a focused femtosecond laser pulse propagating in air 188 (2001) 181
Chung, K.-W., see Yin, S. 188 (2001) 301

PII: S0030-4018(01)01040-9

Colombeau, B., see Grossard, L. 188 (2001) 353
Costela, A., see García, C. 188 (2001) 163
Couderc, V., see Grossard, L. 188 (2001) 353
Couderc, V., see Louradour, F. 188 (2001) 333
Crespo, H., see Mendonça, J.T. 188 (2001) 383

Denz, C., see Petter, J. 188 (2001) 55
Desfarges-Berthelemot, A., see Grossard, L. 188 (2001) 353
Dias, D., see Hain, M. 188 (2001) 291
Dietler, G., see Sekatskii, S.K. 188 (2001) 41
Dingjan, J., M.P. van Exter and J.P. Woerdman, Geometric modes in a single-frequency Nd:YVO_4 laser 188 (2001) 345
Dong, P., A.K. Popov, S.H. Tang and J.-Y. Gao, Sub-Doppler resolution controlled by two coherent driving fields 188 (2001) 99
Du, C., see Liu, J. 188 (2001) 155

Fülöp, J.A., A.P. Kovács and Z. Bor, Broadband dispersion-compensated two-pass second harmonic generation of femtosecond pulses 188 (2001) 365
Fimia, A., see García, C. 188 (2001) 163
Frei, G., see Mikhail, P. 188 (2001) 111
Froehly, C., see Grossard, L. 188 (2001) 353

Gao, J.-Y., see Dong, P. 188 (2001) 99
García, C., I. Pascual, A. Costela, I. García-Moreno, A. Fimia and R. Sastre, Experimental study of the acrylamide photopolymer with a pulsed laser 188 (2001) 163
García-Moreno, I., see García, C. 188 (2001) 163
Georges, A.T., Calculation of surface electromagnetic fields in laser–metal surface interaction 188 (2001) 321
Glöckner, R., see Hain, M. 188 (2001) 291
Grabar, A.A., I.V. Kedyk, M.I. Gurzan, I.M. Stoika, A.A. Molnar and Yu.M. Vysochanskii, Enhanced photorefractive properties of modified $Sn_2P_2S_6$ 188 (2001) 187
Grossard, L., A. Desfarges-Berthelemot, B. Colombeau, V. Couderc and C. Froehly, Dual frequency tunable cw Nd:YAG laser 188 (2001) 353
Guerreiro, A., see Mendonça, J.T. 188 (2001) 383
Guo, M., see Xia, H.-R. 188 (2001) 233
Gurzan, M.I., see Grabar, A.A. 188 (2001) 187

Hain, M., R. Glöckner, S. Bhattacharya, D. Dias, S. Stankovic and T. Tschudi, Fast switching liquid crystal lenses for a dual focus digital versatile disc pickup 188 (2001) 291
Haskell, T.G., see Shirai, T. 188 (2001) 275
Henderson, B., see Smith, A. 188 (2001) 219
Herden, C., see Wesner, M. 188 (2001) 69
Hou, Z., see Wang, T. 188 (2001) 213
Hu, X.-B., see Xia, H.-R. 188 (2001) 233
Hu, H.Z., see Zhong, K.Sh. 188 (2001) 77

Hulliger, J., see Mikhail, P. 188 (2001) 111
Hung, Yu.-Ju., see Liaw, S.-K. 188 (2001) 63

Jiang, M., see Liu, J. 188 (2001) 155
Jiang, H.-D., see Xia, H.-R. 188 (2001) 233
Jin, C., Z. Sun, B. Cheng, Z. Li and D. Zhang, Microcavities composed of point defects and waveguides in photonic crystals 188 (2001) 255

Kano, H., K. Misawa and T. Kobayashi, Periodic structures in difference phase and transmission spectra studied by a femtosecond Sagnac interferometer 188 (2001) 1
Kazantseva, E.V., A.I. Maimistov and B.A. Malomed, Propagation and interaction of ultrashort electromagnetic pulses in nonlinear media with a quadratic–cubic nonlinearity 188 (2001) 195
Kedyk, I.V., see Grabar, A.A. 188 (2001) 187
Khashan, M.A. and A.Y. Nassif, Dispersion of the optical constants of quartz and polymethyl methacrylate glasses in a wide spectral range: 0.2–3 μm 188 (2001) 129
Kip, D., see Wesner, M. 188 (2001) 69
Knittel, J., L. Schnieder, G. Buess, B. Messerschmidt and T. Possner, Endoscope-compatible confocal microscope using a gradient index-lens system 188 (2001) 267
Kobayashi, T., see Kano, H. 188 (2001) 1
Komiya, Y., see Murakami, Y. 188 (2001) 47
Kong, Y.-F., see Chen, Y.-L. 188 (2001) 359
Korneev, N., see Apolinar-Iribe, A. 188 (2001) 377
Kovács, A.P., see Fülöp, J.A. 188 (2001) 365
Krätzig, E., see Wesner, M. 188 (2001) 69
Kumbhakar, P., see Chatterjee, U. 188 (2001) 371

Lakhtakia, A., On bioluminescent emission from chiral sculptured thin films 188 (2001) 313
Leung, P.T., see Chiang, H.-P. 188 (2001) 283
Li, F., see Wang, T. 188 (2001) 213
Li, Z., see Jin, C. 188 (2001) 255
Liaw, S.-K., S.-L. Tzeng and Yu.-Ju. Hung, Rayleigh backscattering induced power penalty on bidirectional wavelength-reuse fiber systems 188 (2001) 63
Liu, Y.-G., see Xia, H.-R. 188 (2001) 233
Liu, J., C. Wang, C. Du, L. Zhu, H. Zhang, X. Meng, J. Wang, Z. Shao and M. Jiang, High-power actively Q-switched Nd:$GdVO_4$ laser end-pumped by a fiber-coupled diode-laser array 188 (2001) 155
Longhi, S., Extended matrix method for Gaussian pulse propagation and generalized mode-locking master equation 188 (2001) 239
Louradour, F., A. Mugnier, A. Albert, V. Couderc and A. Barthelemy, Numerical study of quadratic polarization switching mode locking applied to femtosecond pulse generation 188 (2001) 333

Maimistov, A.I., see Kazantseva, E.V. 188 (2001) 195
Malomed, B.A., see Kazantseva, E.V. 188 (2001) 195

Manson, N.B., see Smith, A. 188 (2001) 219
Martin, J., L. Bischoff and R. Wannemacher, Microscopy of ion-beam generated fluorescent color-center patterns in LiF 188 (2001) 119
Martin, J.P.D., see Smith, A. 188 (2001) 219
Matsumoto, M., see Waiyapot, S. 188 (2001) 167
Mendonça, J.T., H. Crespo and A. Guerreiro, A new method for high-harmonic generation by cascaded four-wave mixing 188 (2001) 383
Meng, X., see Liu, J. 188 (2001) 155
Mertz, J., see Beaurepaire, E. 188 (2001) 25
Messerschmidt, B., see Knittel, J. 188 (2001) 267
Meystre, P., see Raghavan, S. 188 (2001) 149
Micheletto, R., N. Yoshimatsu and S. Okazaki, A simple method for the fabrication of low cost scanning near field optical microscope probes with acrylic paint as coating element 188 (2001) 11
Mikhail, P., K. Ramseyer, G. Frei, F. Budde and J. Hulliger, Bleaching of Sm^{2+} during photoluminescence and cathodoluminescence 188 (2001) 111
Misawa, K., see Kano, H. 188 (2001) 1
Molnar, A.A., see Grabar, A.A. 188 (2001) 187
Moretti, P., see Wesner, M. 188 (2001) 69
Mugnai, D., Passage of a Bessel beam through a classically forbidden region 188 (2001) 17
Mugnier, A., see Louradour, F. 188 (2001) 333
Murakami, Y., T. Obi, M. Yamaguchi, N. Ohyama and Y. Komiya, Spectral reflectance estimation from multi-band image using color chart 188 (2001) 47

Nassif, A.Y., see Khashan, M.A. 188 (2001) 129

Obi, T., see Murakami, Y. 188 (2001) 47
Oheim, M., see Beaurepaire, E. 188 (2001) 25
Ohyama, N., see Murakami, Y. 188 (2001) 47
Okazaki, S., see Micheletto, R. 188 (2001) 11

Pascual, I., see García, C. 188 (2001) 163
Petit, S., see Chin, S.L. 188 (2001) 181
Petrov, D.V., Vortex–edge dislocation interaction in a linear medium 188 (2001) 307
Petter, J. and C. Denz, Guiding and dividing waves with photorefractive solitons 188 (2001) 55
Popov, A.K., see Dong, P. 188 (2001) 99
Possner, T., see Knittel, J. 188 (2001) 267
Proulx, A., see Chin, S.L. 188 (2001) 181
Pu, H., see Raghavan, S. 188 (2001) 149

Qian, L., see Wang, T. 188 (2001) 213

Raghavan, S., H. Pu, P. Meystre and N.P. Bigelow, Generation of arbitrary Dicke states in spinor Bose–Einstein condensates 188 (2001) 149

Ramseyer, K., see Mikhail, P. 188 (2001) 111

Sánchez-Mondragón, J.J., see Apolinar-Iribe, A. 188 (2001) 377
Sastre, R., see García, C. 188 (2001) 163
Schnieder, L., see Knittel, J. 188 (2001) 267
Sekatskii, S.K., G.T. Shubeita and G. Dietler, On the possibility of observation of single quadrupoles by fluorescence resonance energy transfer scanning near-field optical microscopy 188 (2001) 41
Sellars, M.J., see Smith, A. 188 (2001) 219
Shao, Z., see Liu, J. 188 (2001) 155
Shirai, T., T.H. Barnes and T.G. Haskell, Real-time restoration of a blurred image with a liquid-crystal adaptive-optics system based on all-optical feedback interferometry 188 (2001) 275
Shubeita, G.T., see Sekatskii, S.K. 188 (2001) 41
Silversmith, A.J., see Smith, A. 188 (2001) 219
Smith, A., J.P.D. Martin, M.J. Sellars, N.B. Manson, A.J. Silversmith and B. Henderson, Site selective excitation, upconversion and laser operation in Er^{3+}:$LiKYF_5$ 188 (2001) 219
Stankovic, S., see Hain, M. 188 (2001) 291
Stenholm, S., see Andersson, E. 188 (2001) 141
Stoika, I.M., see Grabar, A.A. 188 (2001) 187
Sun, Z., see Jin, C. 188 (2001) 255

Tang, D.Q., see Zhong, K.Sh. 188 (2001) 77
Tang, S.H., see Dong, P. 188 (2001) 99
Tschudi, T., see Hain, M. 188 (2001) 291
Tse, W.S., see Chiang, H.-P. 188 (2001) 283
Tzeng, S.-L., see Liaw, S.-K. 188 (2001) 63

van Exter, M.P., see Dingjan, J. 188 (2001) 345
Vieira Jr., N.D., see Barbosa, E.A. 188 (2001) 205
Vysochanskii, Yu.M., see Grabar, A.A. 188 (2001) 187

Waiyapot, S. and M. Matsumoto, Jitter and stability analysis of an actively mode-locked dispersion-managed fiber laser 188 (2001) 167
Wang, J.-Y., see Xia, H.-R. 188 (2001) 233
Wang, Y., see Xu, L. 188 (2001) 93
Wang, T., L. Qian, H. Zhu, Z. Hou and F. Li, Beam-quality improved efficient second-harmonic generation in aperiodic quasi-phase-matching gratings 188 (2001) 213
Wang, Y.-C., see Chiang, H.-P. 188 (2001) 283
Wang, J., see Liu, J. 188 (2001) 155
Wang, C., see Liu, J. 188 (2001) 155
Wannemacher, R., see Martin, J. 188 (2001) 119
Wei, J.-Q., see Xia, H.-R. 188 (2001) 233
Wesner, M., C. Herden, D. Kip, E. Krätzig and P. Moretti, Photorefractive steady state solitons up to telecommunication wavelengths in planar SBN waveguides 188 (2001) 69

Woerdman, J.P., see Dingjan, J. 188 (2001) 345

Xia, H.-R., H.-D. Jiang, M. Guo, J.-Y. Wang, J.-Q. Wei, X.-B. Hu and Y.-G. Liu, Absorption and emission properties of erbium calcium oxyborate crystals 188 (2001) 233
Xu, L., J. Yin and Y. Wang, A proposal for ac magnetic guide and trap of cold atoms 188 (2001) 93
Xu, J.-J., see Chen, Y.-L. 188 (2001) 359
Xue, T., see Zhong, K.Sh. 188 (2001) 77

Yamaguchi, M., see Murakami, Y. 188 (2001) 47
Yin, S., K.-W. Chung and X. Zhu, A highly sensitive long period grating based tunable filter using a unique double-cladding layer structure 188 (2001) 301
Yin, J., see Xu, L. 188 (2001) 93
Yoshimatsu, N., see Micheletto, R. 188 (2001) 11

Zhang, X., see Bao, J. 188 (2001) 31
Zhang, D., see Jin, C. 188 (2001) 255
Zhang, H., see Liu, J. 188 (2001) 155
Zhang, G.-Y., see Chen, Y.-L. 188 (2001) 359
Zhong, K.Sh., H.Z. Hu, T. Xue and D.Q. Tang, Analysis and optimization of Cherenkov second harmonic generation from a channel waveguide 188 (2001) 77
Zhou, W., see Bao, J. 188 (2001) 31
Zhu, X., see Yin, S. 188 (2001) 301
Zhu, L., see Liu, J. 188 (2001) 155
Zhu, H., see Wang, T. 188 (2001) 213
Zou, Q., An optical filter based on intracavity birefringent phase plates 188 (2001) 261

ELSEVIER

15 February 2001

Optics Communications 188 (2001) 395–398

OPTICS COMMUNICATIONS

www.elsevier.com/locate/optcom

Subject index to volume 188

Editorial Guidelines and Instructions to Authors v

Propagation and scattering

H. Kano, K. Misawa and T. Kobayashi, Periodic structures in difference phase and transmission spectra studied by a femtosecond Sagnac interferometer 1

R. Micheletto, N. Yoshimatsu and S. Okazaki, A simple method for the fabrication of low cost scanning near field optical microscope probes with acrylic paint as coating element 11

D. Mugnai, Passage of a Bessel beam through a classically forbidden region 17

E. Beaurepaire, M. Oheim and J. Mertz, Ultra-deep two-photon fluorescence excitation in turbid media 25

C. Jin, Z. Sun, B. Cheng, Z. Li and D. Zhang, Microcavities composed of point defects and waveguides in photonic crystals 255

Q. Zou, An optical filter based on intracavity birefringent phase plates 261

Optical information, image formation and analysis, optical computing

J. Bao, X. Zhang, K. Chen and W. Zhou, Spectra of dual overwritten fiber Bragg grating 31

S.K. Sekatskii, G.T. Shubeita and G. Dietler, On the possibility of observation of single quadrupoles by fluorescence resonance energy transfer scanning near-field optical microscopy 41

Y. Murakami, T. Obi, M. Yamaguchi, N. Ohyama and Y. Komiya, Spectral reflectance estimation from multi-band image using color chart 47

J. Knittel, L. Schnieder, G. Buess, B. Messerschmidt and T. Possner, Endoscope-compatible confocal microscope using a gradient index-lens system 267

T. Shirai, T.H. Barnes and T.G. Haskell, Real-time restoration of a blurred image with a liquid-crystal adaptive-optics system based on all-optical feedback interferometry 275

PII: S0030-4018(01)01041-0

H.-P. Chiang, Y.-C. Wang, P.T. Leung and W.S. Tse, A theoretical model for the temperature-dependent sensitivity of the optical sensor based on surface plasmon resonance 283

M. Hain, R. Glöckner, S. Bhattacharya, D. Dias, S. Stankovic and T. Tschudi, Fast switching liquid crystal lenses for a dual focus digital versatile disc pickup 291

Optical communications

J. Petter and C. Denz, Guiding and dividing waves with photorefractive solitons 55

S.-K. Liaw, S.-L. Tzeng and Yu.-Ju. Hung, Rayleigh backscattering induced power penalty on bidirectional wavelength-reuse fiber systems 63

M. Wesner, C. Herden, D. Kip, E. Krätzig and P. Moretti, Photorefractive steady state solitons up to telecommunication wavelengths in planar SBN waveguides 69

K.Sh. Zhong, H.Z. Hu, T. Xue and D.Q. Tang, Analysis and optimization of Cherenkov second harmonic generation from a channel waveguide 77

S. Yin, K.-W. Chung and X. Zhu, A highly sensitive long period grating based tunable filter using a unique double-cladding layer structure 301

D.V. Petrov, Vortex–edge dislocation interaction in a linear medium 307

Atomic and molecular physics

L. Xu, J. Yin and Y. Wang, A proposal for ac magnetic guide and trap of cold atoms 93

P. Dong, A.K. Popov, S.H. Tang and J.-Y. Gao, Sub-Doppler resolution controlled by two coherent driving fields 99

Condensed matter

P. Mikhail, K. Ramseyer, G. Frei, F. Budde and J. Hulliger, Bleaching of Sm^{2+} during photoluminescence and cathodoluminescence 111

J. Martin, L. Bischoff and R. Wannemacher, Microscopy of ion-beam generated fluorescent color-center patterns in LiF 119

M.A. Khashan and A.Y. Nassif, Dispersion of the optical constants of quartz and polymethyl methacrylate glasses in a wide spectral range: 0.2–3 μm 129

A. Lakhtakia, On bioluminescent emission from chiral sculptured thin films 313

A.T. Georges, Calculation of surface electromagnetic fields in laser–metal surface interaction 321

Quantum optics

E. Andersson and S. Stenholm, Quantum logic gate with microtraps 141

S. Raghavan, H. Pu, P. Meystre and N.P. Bigelow, Generation of arbitrary Dicke states in spinor Bose–Einstein condensates 149

Laser physics and laser sources

J. Liu, C. Wang, C. Du, L. Zhu, H. Zhang, X. Meng, J. Wang, Z. Shao and M. Jiang, High-power actively Q-switched Nd:$GdVO_4$ laser end-pumped by a fiber-coupled diode-laser array 155

C. García, I. Pascual, A. Costela, I. García-Moreno, A. Fimia and R. Sastre, Experimental study of the acrylamide photopolymer with a pulsed laser 163

S. Waiyapot and M. Matsumoto, Jitter and stability analysis of an actively mode-locked dispersion-managed fiber laser 167

F. Louradour, A. Mugnier, A. Albert, V. Couderc and A. Barthelemy, Numerical study of quadratic polarization switching mode locking applied to femtosecond pulse generation 333

J. Dingjan, M.P. van Exter and J.P. Woerdman, Geometric modes in a single-frequency Nd:YVO_4 laser 345

L. Grossard, A. Desfarges-Berthelemot, B. Colombeau, V. Couderc and C. Froehly, Dual frequency tunable cw Nd:YAG laser 353

Nonlinear optics

S.L. Chin, N. Aközbek, A. Proulx, S. Petit and C.M. Bowden, Transverse ring formation of a focused femtosecond laser pulse propagating in air 181

A.A. Grabar, I.V. Kedyk, M.I. Gurzan, I.M. Stoika, A.A. Molnar and Yu.M. Vysochanskii, Enhanced photorefractive properties of modified $Sn_2P_2S_6$ 187

E.V. Kazantseva, A.I. Maimistov and B.A. Malomed, Propagation and interaction of ultrashort electromagnetic pulses in nonlinear media with a quadratic–cubic nonlinearity 195

E.A. Barbosa and N.D. Vieira Jr., Kerr-lens mode locking resonator calculation with two nonlinear elements 205

T. Wang, L. Qian, H. Zhu, Z. Hou and F. Li, Beam-quality improved efficient second-harmonic generation in aperiodic quasi-phase-matching gratings 213

A. Smith, J.P.D. Martin, M.J. Sellars, N.B. Manson, A.J. Silversmith and B. Henderson, Site selective excitation, upconversion and laser operation in Er^{3+}:$LiKYF_5$ 219

H.-R. Xia, H.-D. Jiang, M. Guo, J.-Y. Wang, J.-Q. Wei, X.-B. Hu and Y.-G. Liu, Absorption and emission properties of erbium calcium oxyborate crystals 233

S. Longhi, Extended matrix method for Gaussian pulse propagation and generalized mode-locking master equation 239

Y.-L. Chen, J.-J. Xu, X.-J. Chen, Y.-F. Kong and G.-Y. Zhang, Domain reversion process in near-stoichiometric $LiNbO_3$ crystals 359

J.A. Fülöp, A.P. Kovács and Z. Bor, Broadband dispersion-compensated two-pass second harmonic generation of femtosecond pulses 365

U. Chatterjee, P. Kumbhakar, A.K. Chaudhary and G.C. Bhar, Tunable mid-infrared generation in cesium lithium borate crystal 371

A. Apolinar-Iribe, N. Korneev and J.J. Sánchez-Mondragón, Dynamic amplification as a reason of noise in $LiNbO_3$:Fe crystal 377

J.T. Mendonça, H. Crespo and A. Guerreiro, A new method for high-harmonic generation by cascaded four-wave mixing 383